

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015963.D
 Acq On : 13 Oct 2023 17:26
 Operator : SY/MD
 Sample : 04844-13RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-603-COMP-08RE

Quant Time: Oct 13 17:55:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

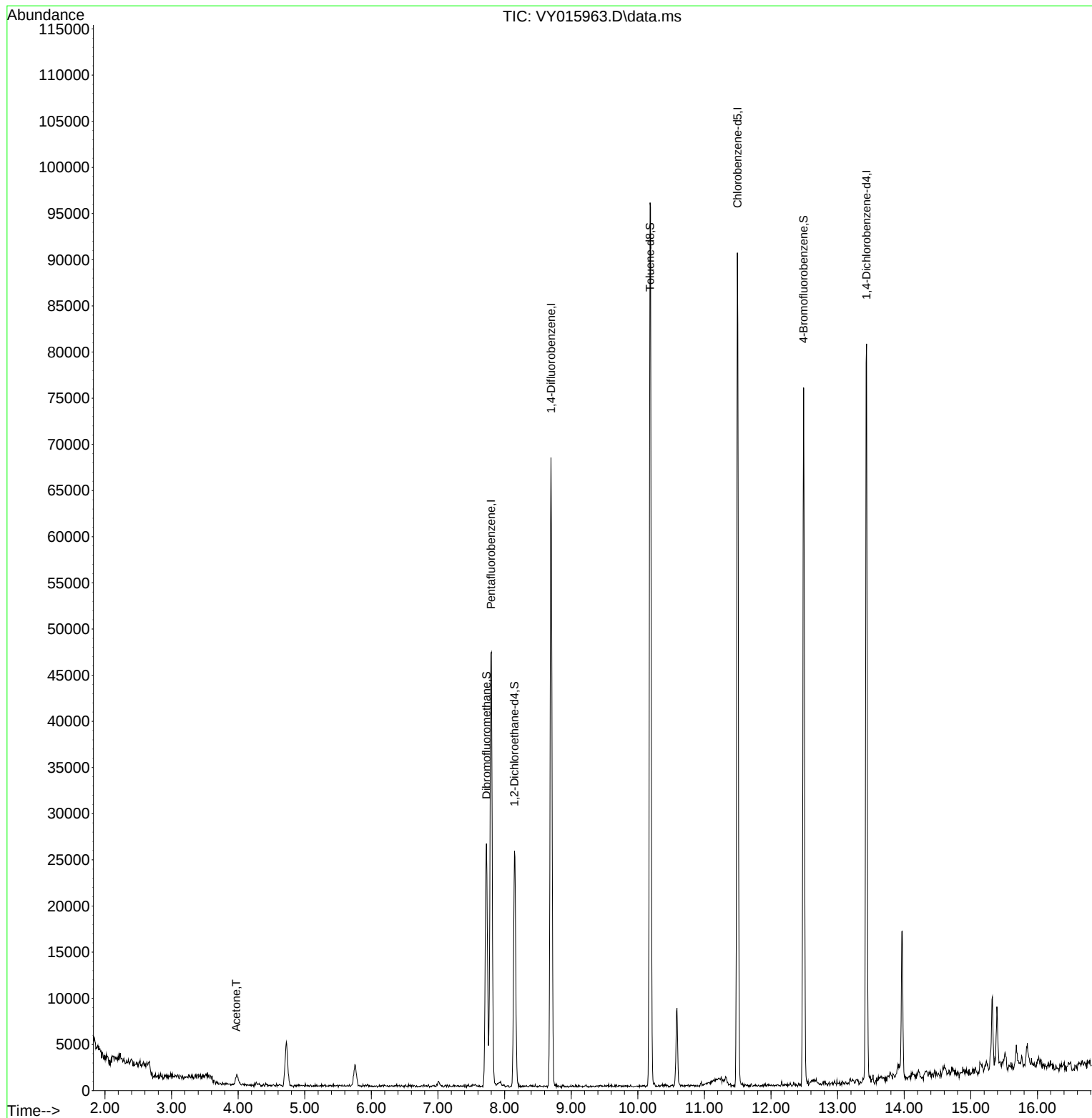
Internal Standards						
1) Pentafluorobenzene	7.795	168	37781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	57980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	50542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21076	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	20184	46.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.728	113	19116	52.370	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.185	98	66986	49.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.489	95	19183	39.410	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.820%
Target Compounds						
16) Acetone	3.972	43	2293	9.155	ug/l	Qvalue 94

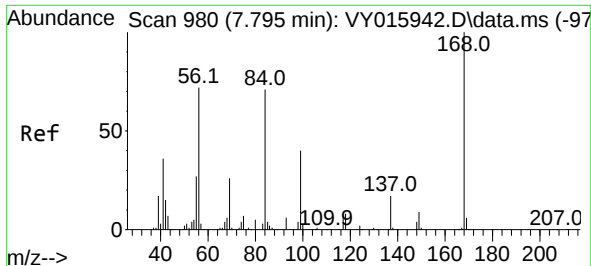
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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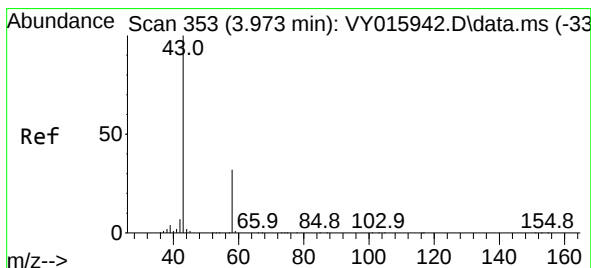
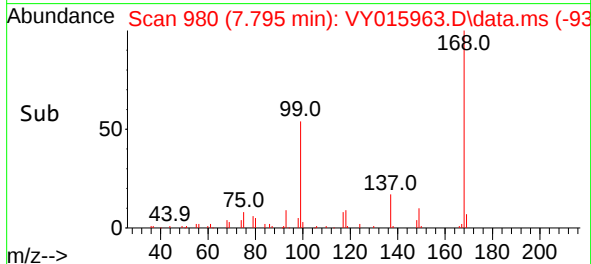
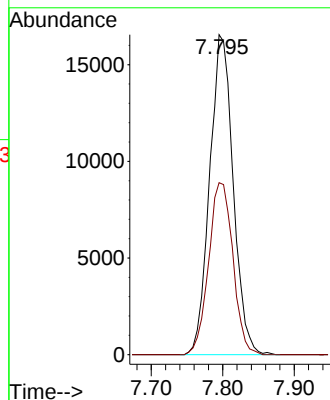
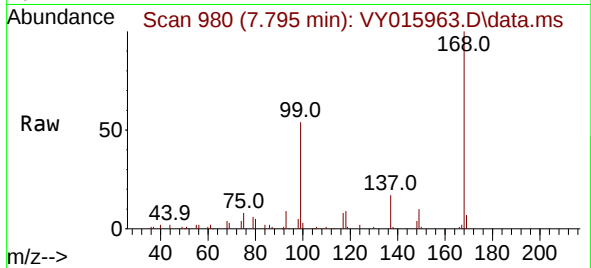




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

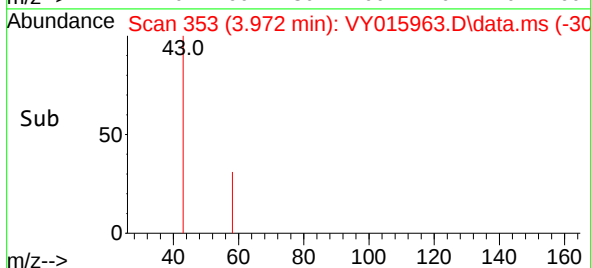
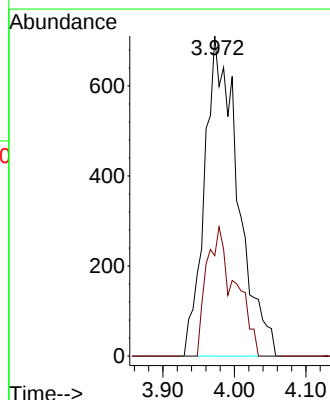
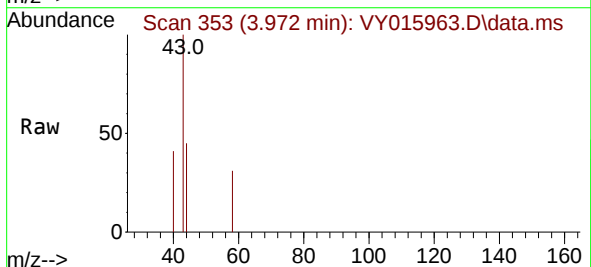
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-08RE

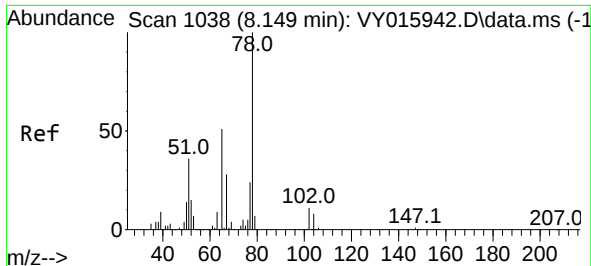
Tgt Ion:168 Resp: 37781
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 9.155 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 43 Resp: 2293
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 46.810 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY015963.D

Acq: 13 Oct 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

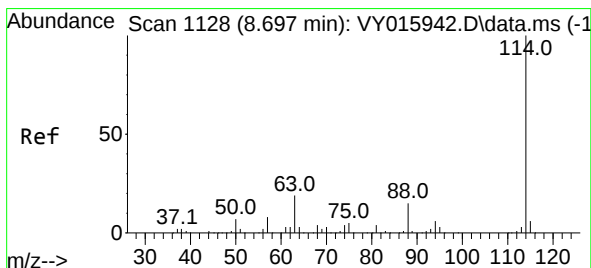
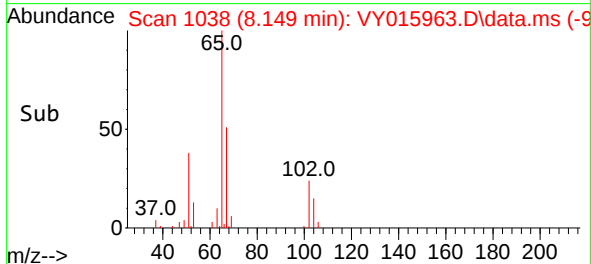
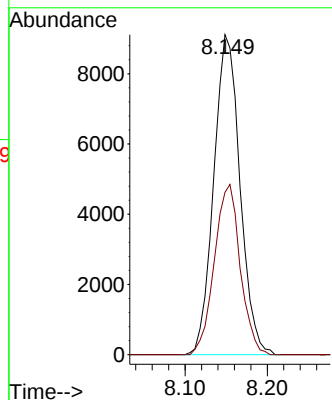
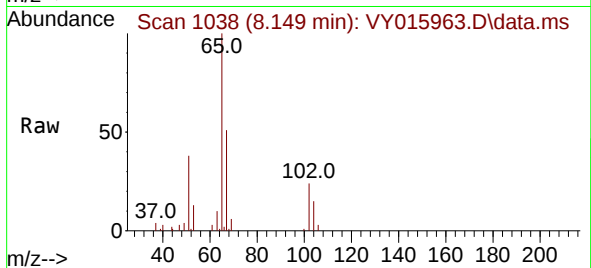
OR-603-COMP-08RE

Tgt Ion: 65 Resp: 20184

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY015963.D

Acq: 13 Oct 2023 17:26

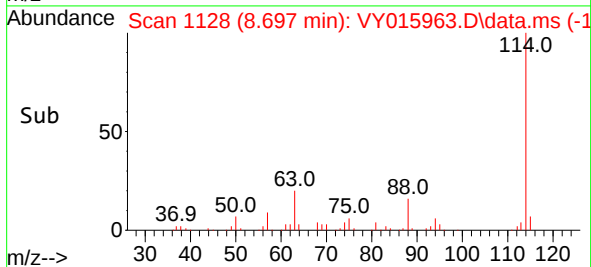
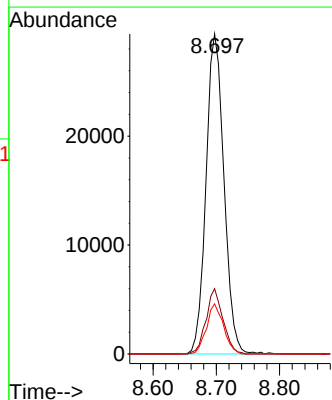
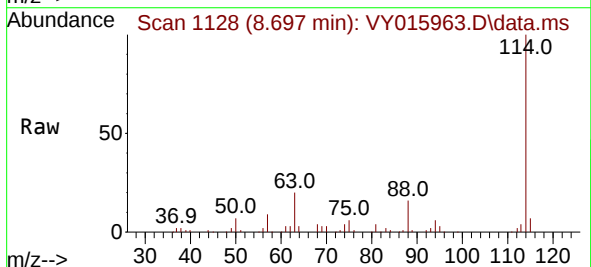
Tgt Ion: 114 Resp: 57980

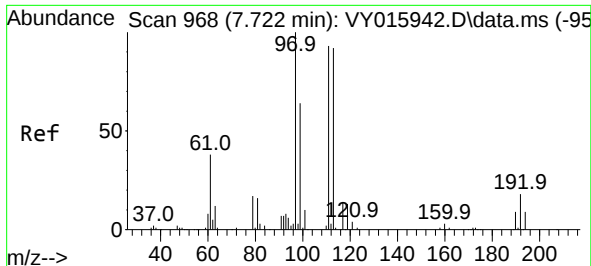
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 15.6 0.0 30.6

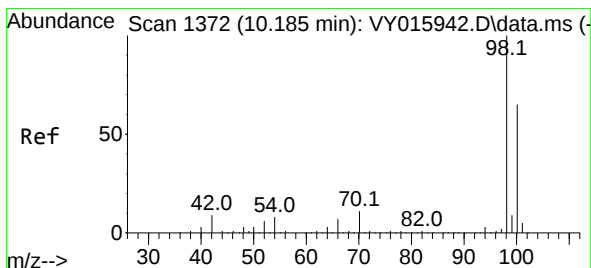
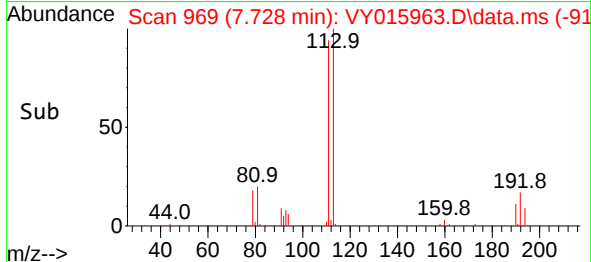
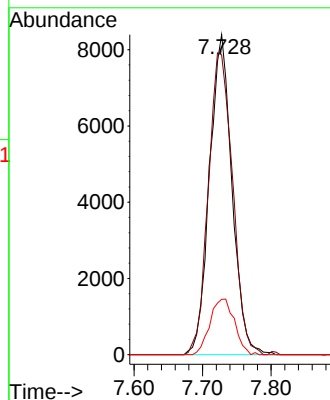
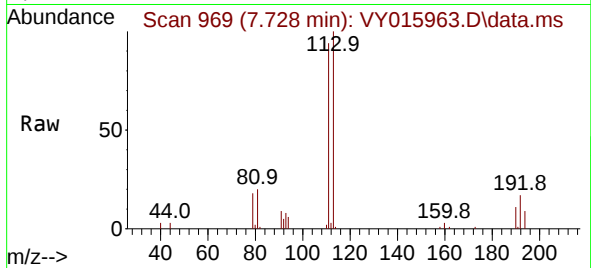




#35
Dibromofluoromethane
Concen: 52.370 ug/l
RT: 7.728 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

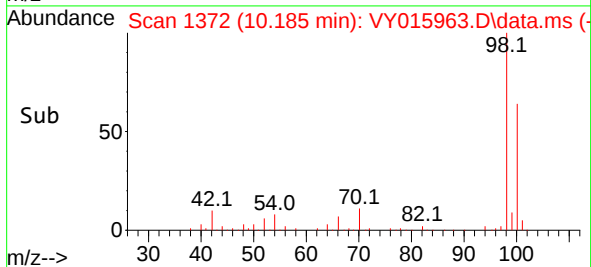
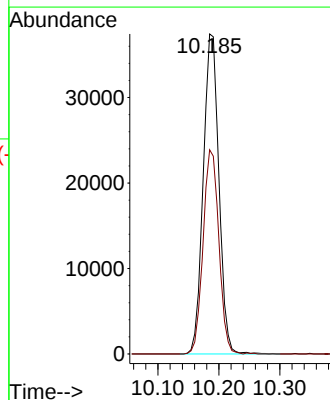
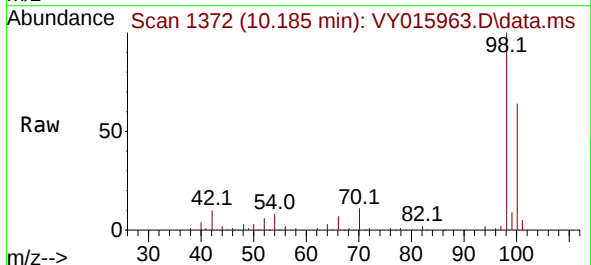
Instrument :
MSVOA_Y
ClientSampleId :
OR-603-COMP-08RE

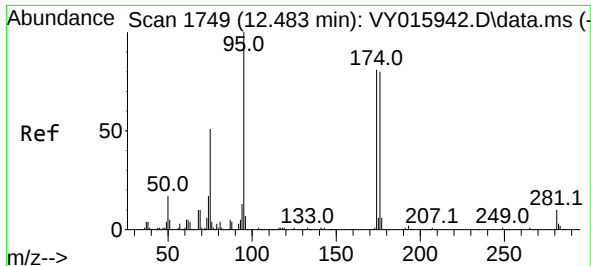
Tgt Ion:113 Resp: 19116
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 18.9 16.9 25.3



#50
Toluene-d8
Concen: 49.004 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY015963.D
Acq: 13 Oct 2023 17:26

Tgt Ion: 98 Resp: 66986
Ion Ratio Lower Upper
98 100
100 64.0 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 39.410 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015963.D

Acq: 13 Oct 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-08RE

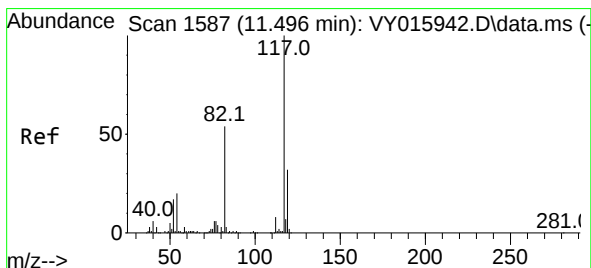
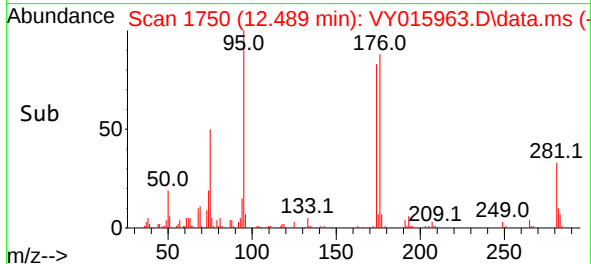
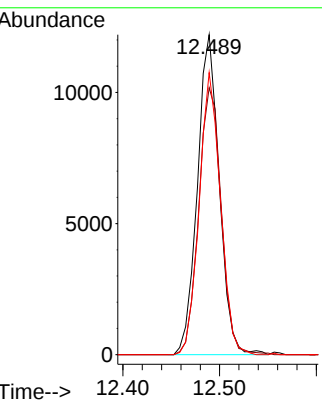
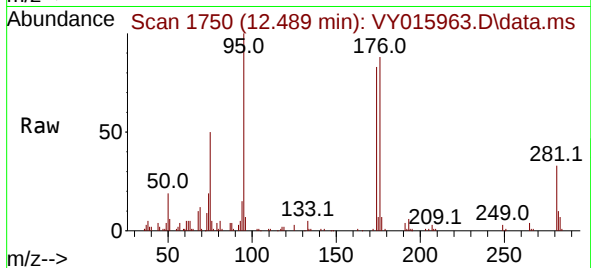
Tgt Ion: 95 Resp: 19183

Ion Ratio Lower Upper

95 100

174 86.1 0.0 178.2

176 85.5 0.0 173.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VY015963.D

Acq: 13 Oct 2023 17:26

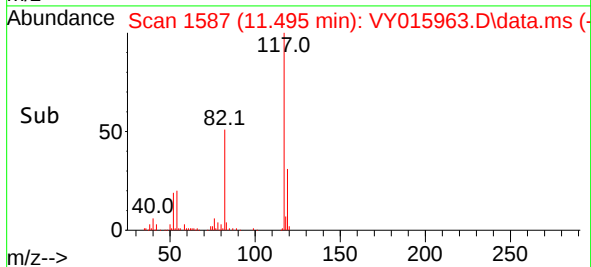
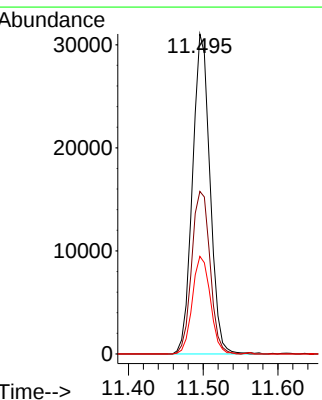
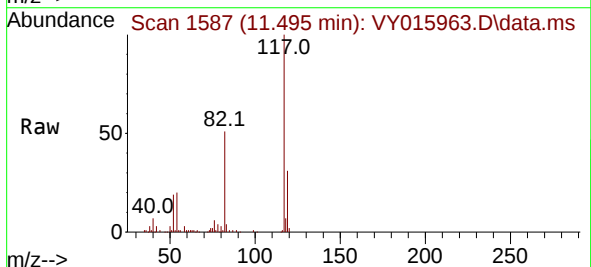
Tgt Ion: 117 Resp: 50542

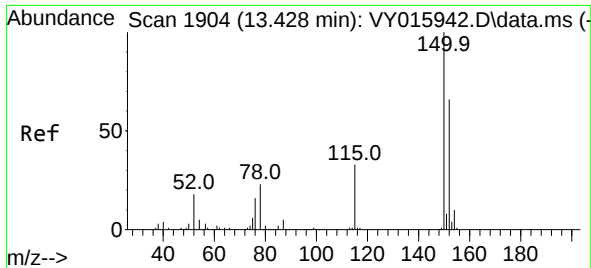
Ion Ratio Lower Upper

117 100

82 50.8 43.4 65.0

119 30.5 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY015963.D

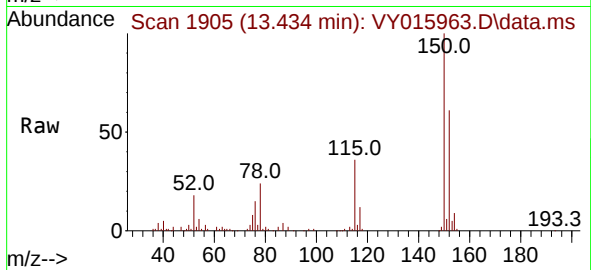
Acq: 13 Oct 2023 17:26

Instrument :

MSVOA_Y

ClientSampleId :

OR-603-COMP-08RE



Tgt Ion:152 Resp: 21076

Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 157.2 0.0 348.8

